



Attorney Docket No. 005950-811 Patent 1520

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Patent Application of

Lucy M. Bull et al.

Application No.: 10/613,421

Filing Date: July 2, 2003

Title: ION EXCHANGE METHODS OF TREATING A FISCHER-TROPSCH DERIVED HYDROCARBON

Group Art Unit: 1764

Examiner: Walter Dean Griffin

Confirmation No.: 5150

FOURTH  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a **FOURTH** Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☒ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By Melissa M. Hayworth  
Melissa M. Hayworth  
Registration No. 45,774

Date: July 15, 2005



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )

John M. Bull et al. )

Application No.: 10/613,421 )

Filed: July 2, 2003 )

For: ION EXCHANGE METHODS OF )  
TREATING A FISCHER-TROPSCH )  
DERIVED HYDROCARBON )

Group Art Unit: 1764

Examiner: Walter Dean Griffin

Confirmation No.: 5150

**FOURTH INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, copies of the listed U.S. patents are not enclosed since it is no longer required according to the July 11, 2003 waiver of the requirement for copies of cited U.S. patents and U.S. patent application publications in national patent applications filed after June 30, 2003 and international applications entering the national stage under 35 U.S.C. § 371 after June 30, 2003.

The documents are being submitted after a first Office Action on the merits but prior to the closing of prosecution, therefore under 37 C.F.R. § 1.97(c), the fee set forth in 37 C.F.R. § 1.17(p) is enclosed.

The documents submitted were cited in an International Search Report dated March 7, 2005.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

07/18/2005 JADD01 00000054 10613421

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BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date July 15, 2005

By: Melissa M. Hayworth  
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# FOURTH INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/613,421
Filing Date	July 2, 2003
First Named Inventor	Lucy M. Bull et al.
Examiner Name	Walter Dean Griffin
Attorney Docket Number	005950-811

JUL 15 2005

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	5,976,358		Sartori et al.	11-02-1999
	2,651,655		Loughran et al.	09-08-1953

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	International Search Report dated March 7, 2005.

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.